

Deyou Zheng

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158
papers

13,757
citations

51
h-index

116
g-index

242
ext. papers

16,362
ext. citations

12.6
avg, IF

5.9
L-index

#	Paper	IF	Citations
158	Identification and analysis of functional elements in 1% of the human genome by the ENCODE pilot project. <i>Nature</i> , 2007 , 447, 799-816	50.4	4121
157	Distinct factors control histone variant H3.3 localization at specific genomic regions. <i>Cell</i> , 2010 , 140, 678-91	56.2	876
156	Glucocorticoid receptor confers resistance to antiandrogens by bypassing androgen receptor blockade. <i>Cell</i> , 2013 , 155, 1309-22	56.2	595
155	What is a gene, post-ENCODE? History and updated definition. <i>Genome Research</i> , 2007 , 17, 669-81	9.7	417
154	PRC2 is recurrently inactivated through EED or SUZ12 loss in malignant peripheral nerve sheath tumors. <i>Nature Genetics</i> , 2014 , 46, 1227-32	36.3	348
153	Androgen receptor signaling regulates DNA repair in prostate cancers. <i>Cancer Discovery</i> , 2013 , 3, 1245-53	34.4	284
152	Pioneer factors govern super-enhancer dynamics in stem cell plasticity and lineage choice. <i>Nature</i> , 2015 , 521, 366-70	50.4	255
151	Endocardial cells form the coronary arteries by angiogenesis through myocardial-endocardial VEGF signaling. <i>Cell</i> , 2012 , 151, 1083-96	56.2	254
150	ETV1 is a lineage survival factor that cooperates with KIT in gastrointestinal stromal tumours. <i>Nature</i> , 2010 , 467, 849-53	50.4	229
149	ETS factors reprogram the androgen receptor cistrome and prime prostate tumorigenesis in response to PTEN loss. <i>Nature Medicine</i> , 2013 , 19, 1023-9	50.5	205
148	Identification and initial functional characterization of a human vascular cell-enriched long noncoding RNA. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1249-59	9.4	202
147	RNA-Seq of human neurons derived from iPS cells reveals candidate long non-coding RNAs involved in neurogenesis and neuropsychiatric disorders. <i>PLoS ONE</i> , 2011 , 6, e23356	3.7	195
146	Hira-dependent histone H3.3 deposition facilitates PRC2 recruitment at developmental loci in ES cells. <i>Cell</i> , 2013 , 155, 107-20	56.2	185
145	An H3K36 methylation-engaging Tudor motif of polycomb-like proteins mediates PRC2 complex targeting. <i>Molecular Cell</i> , 2013 , 49, 571-82	17.6	165
144	Transcribed processed pseudogenes in the human genome: an intermediate form of expressed retrosequence lacking protein-coding ability. <i>Nucleic Acids Research</i> , 2005 , 33, 2374-83	20.1	161
143	Genome-wide maps of histone modifications unwind in vivo chromatin states of the hair follicle lineage. <i>Cell Stem Cell</i> , 2011 , 9, 219-32	18	159
142	Protein NMR spectroscopy in structural genomics. <i>Nature Structural Biology</i> , 2000 , 7 Suppl, 982-5		159

141	Pseudogenes in the ENCODE regions: consensus annotation, analysis of transcription, and evolution. <i>Genome Research</i> , 2007 , 17, 839-51	9.7	158
140	CRISPR/Cas9-mediated heterozygous knockout of the autism gene CHD8 and characterization of its transcriptional networks in cerebral organoids derived from iPS cells. <i>Molecular Autism</i> , 2017 , 8, 11	6.5	156
139	Selective inhibition of EZH2 and EZH1 enzymatic activity by a small molecule suppresses MLL-rearranged leukemia. <i>Blood</i> , 2015 , 125, 346-57	2.2	148
138	Alternative transcription initiation leads to expression of a novel ALK isoform in cancer. <i>Nature</i> , 2015 , 526, 453-7	50.4	144
137	Pseudogene.org: a comprehensive database and comparison platform for pseudogene annotation. <i>Nucleic Acids Research</i> , 2007 , 35, D55-60	20.1	140
136	PseudoPipe: an automated pseudogene identification pipeline. <i>Bioinformatics</i> , 2006 , 22, 1437-9	7.2	136
135	In vivo transcriptional governance of hair follicle stem cells by canonical Wnt regulators. <i>Nature Cell Biology</i> , 2014 , 16, 179-90	23.4	135
134	SOX9: a stem cell transcriptional regulator of secreted niche signaling factors. <i>Genes and Development</i> , 2014 , 28, 328-41	12.6	127
133	Regulation of the glucocorticoid receptor via a BET-dependent enhancer drives antiandrogen resistance in prostate cancer. <i>ELife</i> , 2017 , 6,	8.9	106
132	Development of patient-specific neurons in schizophrenia using induced pluripotent stem cells. <i>Journal of Neurogenetics</i> , 2011 , 25, 88-103	1.6	106
131	Nfatc1 orchestrates aging in hair follicle stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E4950-9	11.5	104
130	CRISPR/Cas9-mediated heterozygous knockout of the autism gene CHD8 and characterization of its transcriptional networks in neurodevelopment. <i>Molecular Autism</i> , 2015 , 6, 55	6.5	99
129	REST and CoREST modulate neuronal subtype specification, maturation and maintenance. <i>PLoS ONE</i> , 2009 , 4, e7936	3.7	99
128	Epigenetic Perturbations by Arg882-Mutated DNMT3A Potentiate Aberrant Stem Cell Gene-Expression Program and Acute Leukemia Development. <i>Cancer Cell</i> , 2016 , 30, 92-107	24.3	96
127	Colony stimulating factor-1 receptor signaling networks inhibit mouse macrophage inflammatory responses by induction of microRNA-21. <i>Blood</i> , 2015 , 125, e1-13	2.2	85
126	The ambiguous boundary between genes and pseudogenes: the dead rise up, or do they?. <i>Trends in Genetics</i> , 2007 , 23, 219-24	8.5	81
125	Comparative analysis of processed ribosomal protein pseudogenes in four mammalian genomes. <i>Genome Biology</i> , 2009 , 10, R2	18.3	72
124	Identification of in vivo DNA-binding mechanisms of Pax6 and reconstruction of Pax6-dependent gene regulatory networks during forebrain and lens development. <i>Nucleic Acids Research</i> , 2015 , 43, 6827-46	20.1	70

123	MYOSLID Is a Novel Serum Response Factor-Dependent Long Noncoding RNA That Amplifies the Vascular Smooth Muscle Differentiation Program. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 2088-99	9.4	70
122	PRC1 Fine-tunes Gene Repression and Activation to Safeguard Skin Development and Stem Cell Specification. <i>Cell Stem Cell</i> , 2018 , 22, 726-739.e7	18	69
121	MicroRNA Profiling of Neurons Generated Using Induced Pluripotent Stem Cells Derived from Patients with Schizophrenia and Schizoaffective Disorder, and 22q11.2 Del. <i>PLoS ONE</i> , 2015 , 10, e0132387	3.7	69
120	Differential deployment of REST and CoREST promotes glial subtype specification and oligodendrocyte lineage maturation. <i>PLoS ONE</i> , 2009 , 4, e7665	3.7	67
119	Comprehensive transcriptional landscape of aging mouse liver. <i>BMC Genomics</i> , 2015 , 16, 899	4.5	66
118	Integrated pseudogene annotation for human chromosome 22: evidence for transcription. <i>Journal of Molecular Biology</i> , 2005 , 349, 27-45	6.5	65
117	Architectural niche organization by LHX2 is linked to hair follicle stem cell function. <i>Cell Stem Cell</i> , 2013 , 13, 314-27	18	64
116	Profiling RE1/REST-mediated histone modifications in the human genome. <i>Genome Biology</i> , 2009 , 10, R9	18.3	62
115	Integrative transcriptome network analysis of iPSC-derived neurons from schizophrenia and schizoaffective disorder patients with 22q11.2 deletion. <i>BMC Systems Biology</i> , 2016 , 10, 105	3.5	61
114	Small RNAs originated from pseudogenes: cis- or trans-acting?. <i>PLoS Computational Biology</i> , 2009 , 5, e1000449	5	58
113	DNA methylation is developmentally regulated for genes essential for cardiogenesis. <i>Journal of the American Heart Association</i> , 2014 , 3, e000976	6	57
112	A core erythroid transcriptional network is repressed by a master regulator of myelo-lymphoid differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3832-7	11.5	57
111	Pax6 interactions with chromatin and identification of its novel direct target genes in lens and forebrain. <i>PLoS ONE</i> , 2013 , 8, e54507	3.7	54
110	Pangolin genomes and the evolution of mammalian scales and immunity. <i>Genome Research</i> , 2016 , 26, 1312-1322	9.7	54
109	Temporal Layering of Signaling Effectors Drives Chromatin Remodeling during Hair Follicle Stem Cell Lineage Progression. <i>Cell Stem Cell</i> , 2018 , 22, 398-413.e7	18	53
108	Allele-biased expression in differentiating human neurons: implications for neuropsychiatric disorders. <i>PLoS ONE</i> , 2012 , 7, e44017	3.7	52
107	Automated protein fold determination using a minimal NMR constraint strategy. <i>Protein Science</i> , 2003 , 12, 1232-46	6.3	50
106	Corepressor for element-1-silencing transcription factor preferentially mediates gene networks underlying neural stem cell fate decisions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 16685-90	11.5	48

105	ERF mutations reveal a balance of ETS factors controlling prostate oncogenesis. <i>Nature</i> , 2017 , 546, 671-674	6.4	47
104	ETS family transcriptional regulators drive chromatin dynamics and malignancy in squamous cell carcinomas. <i>ELife</i> , 2015 , 4, e10870	8.9	47
103	Proton sensitivity of ASIC1 appeared with the rise of fishes by changes of residues in the region that follows TM1 in the ectodomain of the channel. <i>Journal of Physiology</i> , 2005 , 568, 725-35	3.9	46
102	Validation of helical tilt angles in the solution NMR structure of the Z domain of Staphylococcal protein A by combined analysis of residual dipolar coupling and NOE data. <i>Protein Science</i> , 2004 , 13, 549-54	6.3	43
101	SPINE 2: a system for collaborative structural proteomics within a federated database framework. <i>Nucleic Acids Research</i> , 2003 , 31, 2833-8	20.1	43
100	Characterization of human pseudogene-derived non-coding RNAs for functional potential. <i>PLoS ONE</i> , 2014 , 9, e93972	3.7	42
99	Comprehensive analysis of the pseudogenes of glycolytic enzymes in vertebrates: the anomalously high number of GAPDH pseudogenes highlights a recent burst of retrotrans-positional activity. <i>BMC Genomics</i> , 2009 , 10, 480	4.5	41
98	Aberrant Activation of a Gastrointestinal Transcriptional Circuit in Prostate Cancer Mediates Castration Resistance. <i>Cancer Cell</i> , 2017 , 32, 792-806.e7	24.3	39
97	PHF19 promotes multiple myeloma tumorigenicity through PRC2 activation and broad H3K27me3 domain formation. <i>Blood</i> , 2019 , 134, 1176-1189	2.2	38
96	ZFX Mediates Non-canonical Oncogenic Functions of the Androgen Receptor Splice Variant 7 in Castrate-Resistant Prostate Cancer. <i>Molecular Cell</i> , 2018 , 72, 341-354.e6	17.6	38
95	Polycomb-Mediated Repression and Sonic Hedgehog Signaling Interact to Regulate Merkel Cell Specification during Skin Development. <i>PLoS Genetics</i> , 2016 , 12, e1006151	6	37
94	Phase separation drives aberrant chromatin looping and cancer development. <i>Nature</i> , 2021 , 595, 591-595	50.4	36
93	TOUCHSTONEX: protein structure prediction with sparse NMR data. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003 , 53, 290-306	4.2	35
92	Heat shock alters the expression of schizophrenia and autism candidate genes in an induced pluripotent stem cell model of the human telencephalon. <i>PLoS ONE</i> , 2014 , 9, e94968	3.7	35
91	Transcriptome analysis of microglia in a mouse model of Rett syndrome: differential expression of genes associated with microglia/macrophage activation and cellular stress. <i>Molecular Autism</i> , 2017 , 8, 17	6.5	34
90	Enriched expression of genes associated with autism spectrum disorders in human inhibitory neurons. <i>Translational Psychiatry</i> , 2018 , 8, 13	8.6	34
89	Transcriptome comparison of human neurons generated using induced pluripotent stem cells derived from dental pulp and skin fibroblasts. <i>PLoS ONE</i> , 2013 , 8, e75682	3.7	34
88	Non-catalytic Roles of Tet2 Are Essential to Regulate Hematopoietic Stem and Progenitor Cell Homeostasis. <i>Cell Reports</i> , 2019 , 28, 2480-2490.e4	10.6	33

87	A large gene network in immature erythroid cells is controlled by the myeloid and B cell transcriptional regulator PU.1. <i>PLoS Genetics</i> , 2011 , 7, e1001392	6	32
86	A computational approach for identifying pseudogenes in the ENCODE regions. <i>Genome Biology</i> , 2006 , 7 Suppl 1, S13.1-10	18.3	32
85	Integrated analysis of experimental data sets reveals many novel promoters in 1% of the human genome. <i>Genome Research</i> , 2007 , 17, 720-31	9.7	31
84	RNA-seq Identification of RACGAP1 as a Metastatic Driver in Uterine Carcinosarcoma. <i>Clinical Cancer Research</i> , 2016 , 22, 4676-86	12.9	31
83	Significant expansion of the REST/NRSF cistrome in human versus mouse embryonic stem cells: potential implications for neural development. <i>Nucleic Acids Research</i> , 2015 , 43, 5730-43	20.1	29
82	In Utero Exposure to a High-Fat Diet Programs Hepatic Hypermethylation and Gene Dysregulation and Development of Metabolic Syndrome in Male Mice. <i>Endocrinology</i> , 2017 , 158, 2860-2872	4.8	29
81	ZNF804A Transcriptional Networks in Differentiating Neurons Derived from Induced Pluripotent Stem Cells of Human Origin. <i>PLoS ONE</i> , 2015 , 10, e0124597	3.7	29
80	FOXF1 Defines the Core-Regulatory Circuitry in Gastrointestinal Stromal Tumor. <i>Cancer Discovery</i> , 2018 , 8, 234-251	24.4	29
79	Down-regulation of Skp2 expression inhibits invasion and lung metastasis in osteosarcoma. <i>Scientific Reports</i> , 2018 , 8, 14294	4.9	29
78	PHB Associates with the HIRA Complex to Control an Epigenetic-Metabolic Circuit in Human ESCs. <i>Cell Stem Cell</i> , 2017 , 20, 274-289.e7	18	27
77	Tbx1 is required autonomously for cell survival and fate in the pharyngeal core mesoderm to form the muscles of mastication. <i>Human Molecular Genetics</i> , 2014 , 23, 4215-31	5.6	27
76	Comparison of REST cistromes across human cell types reveals common and context-specific functions. <i>PLoS Computational Biology</i> , 2014 , 10, e1003671	5	27
75	REST regulates the cell cycle for cardiac development and regeneration. <i>Nature Communications</i> , 2017 , 8, 1979	17.4	26
74	The yeast Snt2 protein coordinates the transcriptional response to hydrogen peroxide-mediated oxidative stress. <i>Molecular and Cellular Biology</i> , 2013 , 33, 3735-48	4.8	26
73	PRC1 preserves epidermal tissue integrity independently of PRC2. <i>Genes and Development</i> , 2019 , 33, 55-60	12.6	26
72	N-myc regulates growth and fiber cell differentiation in lens development. <i>Developmental Biology</i> , 2017 , 429, 105-117	3.1	25
71	Assessing the performance of different high-density tiling microarray strategies for mapping transcribed regions of the human genome. <i>Genome Research</i> , 2007 , 17, 886-97	9.7	25
70	Non-CpG methylation by DNMT3B facilitates REST binding and gene silencing in developing mouse hearts. <i>Nucleic Acids Research</i> , 2017 , 45, 3102-3115	20.1	24

69	Microglial Homeostasis Requires Balanced CSF-1/CSF-2 Receptor Signaling. <i>Cell Reports</i> , 2020 , 30, 3004-3019.e54		
68	Transcriptomics analysis of iPSC-derived neurons and modeling of neuropsychiatric disorders. <i>Molecular and Cellular Neurosciences</i> , 2016 , 73, 32-42	4.8	24
67	Ecaterin promoter CHIP-chip reveals potential schizophrenia and bipolar disorder gene network. <i>Journal of Neurogenetics</i> , 2010 , 24, 182-93	1.6	24
66	Proteome-transcriptome analysis and proteome remodeling in mouse lens epithelium and fibers. <i>Experimental Eye Research</i> , 2019 , 179, 32-46	3.7	24
65	A comprehensive spatial-temporal transcriptomic analysis of differentiating nascent mouse lens epithelial and fiber cells. <i>Experimental Eye Research</i> , 2018 , 175, 56-72	3.7	22
64	Mammalian TBX1 preferentially binds and regulates downstream targets via a tandem T-site repeat. <i>PLoS ONE</i> , 2014 , 9, e95151	3.7	22
63	Profiling of chromatin accessibility and identification of general cis-regulatory mechanisms that control two ocular lens differentiation pathways. <i>Epigenetics and Chromatin</i> , 2019 , 12, 27	5.8	21
62	Reduced dosage of Ecaterin provides significant rescue of cardiac outflow tract anomalies in a Tbx1 conditional null mouse model of 22q11.2 deletion syndrome. <i>PLoS Genetics</i> , 2017 , 13, e1006687	6	21
61	The DART classification of unannotated transcription within the ENCODE regions: associating transcription with known and novel loci. <i>Genome Research</i> , 2007 , 17, 732-45	9.7	21
60	Reduced CYFIP1 in Human Neural Progenitors Results in Dysregulation of Schizophrenia and Epilepsy Gene Networks. <i>PLoS ONE</i> , 2016 , 11, e0148039	3.7	21
59	Asymmetric histone modifications between the original and derived loci of human segmental duplications. <i>Genome Biology</i> , 2008 , 9, R105	18.3	19
58	Deletion size analysis of 1680 22q11.2DS subjects identifies a new recombination hotspot on chromosome 22q11.2. <i>Human Molecular Genetics</i> , 2018 , 27, 1150-1163	5.6	18
57	Disruption of Interneuron Neurogenesis in Premature Newborns and Reversal with Estrogen Treatment. <i>Journal of Neuroscience</i> , 2018 , 38, 1100-1113	6.6	18
56	Pax6 associates with H3K4-specific histone methyltransferases Mll1, Mll2, and Set1a and regulates H3K4 methylation at promoters and enhancers. <i>Epigenetics and Chromatin</i> , 2016 , 9, 37	5.8	17
55	Loss of MEN1 activates DNMT1 implicating DNA hypermethylation as a driver of MEN1 tumorigenesis. <i>Oncotarget</i> , 2016 , 7, 12633-50	3.3	17
54	Six3 and Six6 Are Jointly Required for the Maintenance of Multipotent Retinal Progenitors through Both Positive and Negative Regulation. <i>Cell Reports</i> , 2018 , 25, 2510-2523.e4	10.6	17
53	Epigenetic and genetic dissections of UV-induced global gene dysregulation in skin cells through multi-omics analyses. <i>Scientific Reports</i> , 2017 , 7, 42646	4.9	16
52	Chromatin features, RNA polymerase II and the comparative expression of lens genes encoding crystallins, transcription factors, and autophagy mediators. <i>Molecular Vision</i> , 2015 , 21, 955-73	2.3	16

51	Molecular Features of Cancer-associated Fibroblast Subtypes and their Implication on Cancer Pathogenesis, Prognosis, and Immunotherapy Resistance. <i>Clinical Cancer Research</i> , 2021 , 27, 2636-2647	12.9	16
50	The Chromatin Remodeler BPTF Activates a Stemness Gene-Expression Program Essential for the Maintenance of Adult Hematopoietic Stem Cells. <i>Stem Cell Reports</i> , 2018 , 10, 675-683	8	15
49	Drosophila RpS12 controls translation, growth, and cell competition through Xrp1. <i>PLoS Genetics</i> , 2019 , 15, e1008513	6	15
48	NFI transcription factors provide chromatin access to maintain stem cell identity while preventing unintended lineage fate choices. <i>Nature Cell Biology</i> , 2020 , 22, 640-650	23.4	14
47	Evolutionary Origins of Pax6 Control of Crystallin Genes. <i>Genome Biology and Evolution</i> , 2017 , 9, 2075-2093	9.9	14
46	amplifies androgen receptor output in human prostate cancer and contributes to antiandrogen resistance. <i>ELife</i> , 2019 , 8,	8.9	12
45	KIR3DL3-HHLA2 is a human immunosuppressive pathway and a therapeutic target. <i>Science Immunology</i> , 2021 , 6,	28	12
44	Rinf Regulates Pluripotency Network Genes and Tet Enzymes in Embryonic Stem Cells. <i>Cell Reports</i> , 2019 , 28, 1993-2003.e5	10.6	10
43	Spatiotemporal Gene Coexpression and Regulation in Mouse Cardiomyocytes of Early Cardiac Morphogenesis. <i>Journal of the American Heart Association</i> , 2019 , 8, e012941	6	8
42	Polycomb Repressive Complex 1 Controls Maintenance of Fungiform Papillae by Repressing Sonic Hedgehog Expression. <i>Cell Reports</i> , 2019 , 28, 257-266.e5	10.6	8
41	Characteristics of allelic gene expression in human brain cells from single-cell RNA-seq data analysis. <i>BMC Genomics</i> , 2017 , 18, 860	4.5	8
40	Polycomb complexes redundantly maintain epidermal stem cell identity during development. <i>Genes and Development</i> , 2021 , 35, 354-366	12.6	8
39	Dissection of Merkel cell formation in hairy and glabrous skin reveals a common requirement for FGFR2-mediated signalling. <i>Experimental Dermatology</i> , 2019 , 28, 374-382	4	7
38	Bidirectional Analysis of Cryba4-Crybb1 Nascent Transcription and Nuclear Accumulation of Crybb3 mRNAs in Lens Fibers 2019 , 60, 234-244		7
37	Transcriptome analysis of neural progenitor cells derived from Lowe syndrome induced pluripotent stem cells: identification of candidate genes for the neurodevelopmental and eye manifestations. <i>Journal of Neurodevelopmental Disorders</i> , 2020 , 12, 14	4.6	6
36	Bardet-Biedl syndrome proteins regulate intracellular signaling and neuronal function in patient-specific iPSC-derived neurons. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	6
35	Advances in the development of gene therapy, noncoding RNA, and exosome-based treatments for tendinopathy. <i>Annals of the New York Academy of Sciences</i> , 2021 , 1490, 3-12	6.5	6
34	ZMYND11-MBTD1 induces leukemogenesis through hijacking NuA4/TIP60 acetyltransferase complex and a PWWP-mediated chromatin association mechanism. <i>Nature Communications</i> , 2021 , 12, 1045	17.4	6

33	Robust integration of multiple single-cell RNA sequencing datasets using a single reference space. <i>Nature Biotechnology</i> , 2021 , 39, 877-884	44.5	6
32	Perinatal angiogenesis from pre-existing coronary vessels via DLL4-NOTCH1 signalling. <i>Nature Cell Biology</i> , 2021 , 23, 967-977	23.4	6
31	Transcriptomic analysis and novel insights into lens fibre cell differentiation regulated by Gata3. <i>Open Biology</i> , 2019 , 9, 190220	7	5
30	¹ H, ¹³ C and ¹⁵ N resonance assignments for methionine sulfoxide reductase B from <i>Bacillus subtilis</i> . <i>Journal of Biomolecular NMR</i> , 2003 , 27, 183-4	3	4
29	The DNA dioxygenase Tet1 regulates H3K27 modification and embryonic stem cell biology independent of its catalytic activity.. <i>Nucleic Acids Research</i> , 2022 ,	20.1	4
28	Divergence and rewiring of regulatory networks for neural development between human and other species. <i>Neurogenesis (Austin, Tex)</i> , 2016 , 3, e1231495		4
27	Transcription factor MEF2D is required for the maintenance of MLL-rearranged acute myeloid leukemia. <i>Blood Advances</i> , 2021 , 5, 4727-4740	7.8	4
26	Gene duplication in the epigenomic era. <i>Epigenetics</i> , 2008 , 3, 250-3	5.7	3
25	Single cell multi-omic analysis identifies a Tbx1-dependent multilineage primed population in murine cardiopharyngeal mesoderm. <i>Nature Communications</i> , 2021 , 12, 6645	17.4	3
24	Pseudogene Evolution in the Human Genome 2014 ,		2
23	Author response: Regulation of the glucocorticoid receptor via a BET-dependent enhancer drives antiandrogen resistance in prostate cancer 2017 ,		2
22	Multi-omics analysis to identify susceptibility genes for colorectal cancer. <i>Human Molecular Genetics</i> , 2021 , 30, 321-330	5.6	2
21	The interaction of SKP2 with p27 enhances the progression and stemness of osteosarcoma. <i>Annals of the New York Academy of Sciences</i> , 2021 , 1490, 90-104	6.5	2
20	SMARTcleaner: identify and clean off-target signals in SMART ChIP-seq analysis. <i>BMC Bioinformatics</i> , 2018 , 19, 544	3.6	2
19	Tissue-resident macrophages promote early dissemination of multiple myeloma via IL-6 and TNF α <i>Blood Advances</i> , 2021 , 5, 3592-3608	7.8	2
18	UV-induced reduction in Polycomb repression promotes epidermal pigmentation. <i>Developmental Cell</i> , 2021 , 56, 2547-2561.e8	10.2	2
17	Stereo3D: using stereo images to enrich 3D visualization. <i>Bioinformatics</i> , 2020 , 36, 4189-4190	7.2	1
16	Intrauterine Programming of Diabetes Induced Cardiac Embryopathy 2019 , 4,		1

15	Characterization of Cell-cell Communication in Autistic Brains with Single Cell Transcriptomes		1
14	Enriched expression of genes associated with autism spectrum disorders in human inhibitory neurons		1
13	RISC: robust integration of single-cell RNA-seq datasets with different extents of cell cluster overlap		1
12	Regulatory Roles of Novel Small RNAs from Pseudogenes 2011 , 193-208		1
11	Cistrome analysis of YY1 uncovers a regulatory axis of YY1:BRD2/4-PFKP during tumorigenesis of advanced prostate cancer. <i>Nucleic Acids Research</i> , 2021 , 49, 4971-4988	20.1	1
10	Pseudogene Profiling for Cancer Subtype Classification. <i>Methods in Molecular Biology</i> , 2021 , 2324, 307-317		o
9	Tet-mediated DNA demethylation regulates specification of hematopoietic stem and progenitor cells during mammalian embryogenesis.. <i>Science Advances</i> , 2022 , 8, eabm3470	14.3	o
8	Polycomb repressive complex 2 in adult hair follicle stem cells is dispensable for hair regeneration.. <i>PLoS Genetics</i> , 2021 , 17, e1009948	6	o
7	The immune checkpoint B7-H3 (CD276) regulates adipocyte progenitor metabolism and obesity development.. <i>Science Advances</i> , 2022 , 8, eabm7012	14.3	o
6	Characterization of cell-cell communication in autistic brains with single-cell transcriptomes.. <i>Journal of Neurodevelopmental Disorders</i> , 2022 , 14, 29	4.6	o
5	The immune checkpoint B7x expands tumor-infiltrating Tregs and promotes resistance to anti-CTLA-4 therapy.. <i>Nature Communications</i> , 2022 , 13, 2506	17.4	o
4	Epigenetic Reprogramming of Cis-Regulatory Sites By R882-Mutated DNMT3A Potentiates Aberrant Stem Cell Gene Program and Acute Leukemia Development. <i>Blood</i> , 2015 , 126, 2430-2430	2.2	
3	RACGAP1 overexpression in uterine carcinosarcomas.. <i>Journal of Clinical Oncology</i> , 2013 , 31, e22009-e22009		
2	Metabolite differences between glutamate carboxypeptidase II gene knockout mice and their wild-type littermates after traumatic brain injury: a 7-tesla H-MRS study. <i>BMC Neuroscience</i> , 2018 , 19, 75	3.2	
1	MEDB-76. Evaluating the B7-H3 checkpoint in Medulloblastoma. <i>Neuro-Oncology</i> , 2022 , 24, i124-i124		1